

Exposé

Solving a Real World Problem

Improving conditions to foster innovation targeting human beings.

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November 2023

[TODO: Specify the title, sub title, place, date, study, language, your name, advisor and your id in the main *expose.tex* file.
Finally, remove all *TODOs* within your \LaTeX source code.]

1 Introduction

Your text here... [TODO: Write an exposé to have your ideas on paper (not in your mind only) when discussing your thesis with your tutor. It can be improved at any time. Describe in about two to four pages your overall ideas, the innovation, the method, the results and implications.]

2 Thesis Statement & Problem Description

...

3 Research Questions and Hypotheses

...

...

4 Method

...

5 Related Work

... Researchers have to learn to adhere to scientific research rules (cf. Booth, Colomb & Williams, 2008, 45ff.) and train to write with style (cf. Strunk & White, 2000, pp. 145–48).

5.1 Annotated list of resources

...

The Table 1 lists selected first references which might be used in the thesis.

| Reference | Content | Personal Notes |
|--------------------------------|---|------------------------------|
| Strunk & White, 2000 | <i>The Elements of Style</i> contains ... | Already read, high priority. |
| Booth, Colomb & Williams, 2008 | The book <i>The Craft of Research</i> was suggested by ... for ... | To-be-read. |
| Google Inc., 2016 | For our experiments, we plan to use the Google Accessibility Scanner. | Check if newer tools exist. |

Table 1: Selected references with personal annotations.

6 Work Plan

...

| Estimated Date | Milestone |
|----------------|-----------|
| ... | ... |
| ... | ... |

Table 2: Planned milestones with detailed description of the results accomplished.

..see Table 2...

7 Preliminary thesis structure

...

- 1. ...
- 2. ...
 - 2.1. ...
 - 2.2. ...
- 3. ...

References

Booth, W. C., G. G. Colomb & J. M. Williams (2008). *The Craft of Research*. 3rd ed. University of Chicago Press (cit. on p. 1).

Google Inc. (Oct. 6, 2016). *Accessibility Scanner*. Available from: <https://play.google.com/store/apps/details?id=com.google.android.apps.accessibility.auditor> [Oct. 27, 2021] (cit. on p. 1).

Strunk Jr, W. & E. B. White (2000). *The Elements of Style*. 4th ed. Pearson Higher Education. ISBN [020530902X](#) (cit. on p. 1).

[TODO:

8 INTERNAL NOTES

Finally check, if your tutor can find

- An interesting *problem* (including relevance, context, examples). Possibly, you manage to formulate very specific research questions (RQs).
- Your ideas, of how to solve the problem (i.e. you will formulate a *hypothesis*).
- If you already found out, possible other way to solve the problem (*alternatives* with advantages and disadvantages).
- The steps one needs to solve such a problem and evaluate the solution (i.e. your *method*: for example, will you use questionnaires, perform usability tests, run performance tests, implement a prototype, create a general concept, assemble checklists with best practices, do a literature review, analyse, collect measurements, interpret).
- Your *results*, the outcome (i.e. as far as already known, the *main features* of the planned prototype).
- Possible (measurable) criteria you might use to evaluate the solution (*metrics*).
- Look into the future. Who could use your solution? Possible further research and investigations.

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